

# SEDAR

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## RB 16-47 Roller Harmony WireFree Motorized Rail System - Premium<sup>®</sup>

### Technical Summary

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# About this Document

This document serves as a concise technical summary for the **RB 16-47 Roller Harmony WireFree Motorized Rail System - Premium®**, aimed at designers, specifiers and estimators. It highlights the necessary technical information for project planning. For comprehensive understanding, we offer two additional resources:

1. System Brochure:
  - Features photos and visual representations of the product.
  - Outlines potential use cases.
  - Showcases the aesthetic applications of the system.
2. Technical Document:
  - Contains in-depth technical specifications.
  - Assists engineers, installers, and architects with detailed engineering insights.

To access these documents, click on the links provided below or scan the QR code to be directed to the corresponding resource.



[16-47 Documents](#)



[Roller Blinds Fabric Specifications](#)

# General Information

<b>Brand</b>	Sedar
<b>System</b>	16-47 Roller Harmony WireFree Motorized Rail System - Premium

## Fabric

<b>Sunscreen Fabric</b>	Varies - See Fabric Specification Document
<b>Blackout Fabric</b>	Varies - See Fabric Specification Document
<b>Non-Blackout Fabric</b>	Varies - See Fabric Specification Document
<b>Fabric Description</b>	Varies - See Fabric Specification Document
<b>Fabric Color</b>	Varies - See Fabric Specification Document
<b>Fabric Properties</b>	<ul style="list-style-type: none"> <li>• Transparency/Openness</li> <li>• Fenestration Data</li> <li>• Fire Resistance Rating</li> <li>• Environmental Requirements</li> </ul> Varies - See Fabric Specification Document

## System Limitations

<b>Minimum Width</b>	20 cm
<b>Maximum Width</b>	220 cm
<b>Minimum Height</b>	20 cm
<b>Maximum Height</b>	300 cm

*Note:* Larger dimensions are allowed through Ultrasonic Welding.

## System Components

<b>System Brackets</b>	Galvanized steel powder-coated brackets available in silver, with a capacity of 6.5 m <sup>2</sup> or 7.5 kg, 1 mm thick.
<b>Tube</b>	Aluminum tube available in 35 mm diameter.
<b>Bottom Rail</b>	Aluminum powder-coated bottom rail, dimensions 50 mm x 10 mm x 2 mm thick. Colors available are black, brown, gray, ivory, and white.
<b>Bottom Rail End Cap</b>	Bottom rail end caps are installed at the edge of the bottom rail for safety and aesthetic purposes, fiber plastic, available in white, gray, and cream.
<b>End Plug</b>	Attached at the opposite side of the tube, serving as a connector between the bracket and the aluminum top rail. Made of fiber plastic, 35 mm for this system.
<b>Harmony Cassette - Premium</b>	Aluminum cassette, available in black, brown, gray, ivory, and white.
<b>Motor</b>	Somfy Sonesse® 30 WireFree RTS (Li-Ion) featuring Radio Technology Somfy (RTS) for wireless control and lithium-ion battery for wire free operation.

## Operation

<b>Operation Type</b>	Remote controlled and automation compatible*
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## Installation

<b>Installation Brackets</b>	Standard or design brackets as previously described, fitted with provided screws.
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## Rolling

<b>Rolling</b>	Standard back rolling.
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\*Note: Contact your system integrator for automation system.

# Other Relevant Documents

To further explore **the RB 16-47 Roller Harmony WireFree Motorized Rail System - Premium®**, please click the links below or scan the QR codes. These will direct you to our System Brochure and Technical Document, offering in-depth information and visual guides to assist in your project planning.



[16-47 Documents](#)



[Roller Blinds Fabric Specifications](#)

# Projects and Professionals Contact Information

For inquiries about **the RB 16-47 Roller Harmony WireFree Motorized Rail System - Premium®** or to utilize our Projects Department's bespoke services, please contact us. Our team is ready to assist with product details, installation, and custom solutions, ensuring your design needs are expertly met. Contact us using the QR code below for guidance in transforming your spaces with innovation and style.



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